PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/914,451

DATE: 02/17/2002
TIME: 13:31:49

Input Set : A:\pto.txt
Output Set: N:\CRF3\02152002\I914451.raw

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 3 <110> APPLICANT: Haeggstrm, Jesper Z
 4       Pr, Nordlund
 5       Thunissen, Marjolein
 7 <120> TITLE OF INVENTION: Drug design based on the structure of LTA4 Hydrolase
 9 <130> FILE REFERENCE: PVZ-006US
11 <140> CURRENT APPLICATION NUMBER: 09/914,451
12 <141> CURRENT FILING DATE: 2001-08-27
14 <150> PRIOR APPLICATION NUMBER: SE 9900722.1
15 <151> PRIOR FILING DATE: 1999-02-26
17 <150> PRIOR APPLICATION NUMBER: 60/122,110
18 <151> PRIOR FILING DATE: 1999-02-26
20 <160> NUMBER OF SEQ ID NOS: 1
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 610
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
30 Pro Glu Ile Val Asp Thr Cys Ser Leu Ala Ser Pro Ala Ser Val Cys
31   1               5                  10                  15
33 Arg Thr Lys His Leu His Leu Arg Cys Ser Val Asp Phe Thr Arg Arg
34              20                  25                  30
36 Thr Leu Thr Gly Thr Ala Ala Leu Thr Val Gln Ser Gln Glu Asp Asn
37          35                  40                  45
39 Leu Arg Ser Leu Val Leu Asp Thr Lys Asp Leu Thr Ile Glu Lys Val
40      50                  55                  60
42 Val Ile Asn Gly Gln Glu Val Lys Tyr Ala Leu Gly Glu Arg Gln Ser
43  65                  70                  75                  80
45 Tyr Lys Gly Ser Pro Met Glu Ile Ser Leu Pro Ile Ala Leu Ser Lys
46                  85                  90                  95
48 Asn Gln Glu Ile Val Ile Glu Ile Ser Phe Glu Thr Ser Pro Lys Ser
49             100                 105                 110
51 Ser Ala Leu Gln Trp Leu Thr Pro Glu Gln Thr Ser Gly Lys Glu His
52         115                 120                 125
54 Pro Tyr Leu Phe Ser Gln Cys Gln Ala Ile His Cys Arg Ala Ile Leu
55     130                 135                 140
57 Pro Cys Gln Asp Thr Pro Ser Val Lys Leu Thr Tyr Thr Ala Glu Val
58 145                 150                 155                 160
60 Ser Val Pro Lys Glu Leu Val Ala Leu Met Ser Ala Ile Arg Asp Gly
61                 165                 170                 175
63 Glu Thr Pro Asp Pro Glu Asp Pro Ser Arg Lys Ile Tyr Lys Phe Ile
64             180                 185                 190
66 Gln Lys Val Pro Ile Pro Cys Tyr Leu Ile Ala Leu Val Val Gly Ala
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67          195                 200                 205
69 Leu Glu Ser Arg Gln Ile Gly Pro Arg Thr Leu Val Trp Ser Glu Lys
70      210                 215                 220
72 Glu Gln Val Glu Lys Ser Ala Tyr Glu Phe Ser Glu Thr Glu Ser Met
73 225                 230                 235                 240
75 Leu Lys Ile Ala Glu Asp Leu Gly Gly Pro Tyr Val Trp Gly Gln Tyr
76                  245                 250                 255
78 Asp Leu Leu Val Leu Pro Pro Ser Phe Pro Tyr Gly Gly Met Glu Asn
79              260                 265                 270
81 Pro Cys Leu Thr Phe Val Thr Pro Thr Leu Leu Ala Gly Asp Lys Ser
82          275                 280                 285
84 Leu Ser Asn Val Ile Ala His Glu Ile Ser His Ser Trp Thr Gly Asn
85      290                 295                 300
87 Leu Val Thr Asn Lys Thr Trp Asp His Phe Trp Leu Asn Glu Gly His
88 305                 310                 315                 320
90 Thr Val Tyr Leu Glu Arg His Ile Cys Gly Arg Leu Phe Gly Glu Lys
91                  325                 330                 335
93 Phe Arg His Phe Asn Ala Leu Gly Gly Trp Gly Glu Leu Gln Asn Ser
94              340                 345                 350
96 Val Lys Thr Phe Gly Glu Thr His Pro Phe Thr Lys Leu Val Val Asp
97          355                 360                 365
99 Leu Thr Asp Ile Asp Pro Asp Val Ala Tyr Ser Ser Val Pro Tyr Glu
100     370                 375                 380
102 Lys Gly Phe Ala Leu Leu Phe Tyr Leu Glu Gln Leu Leu Gly Gly Pro
103 385                 390                 395                 400
105 Glu Ile Phe Leu Gly Phe Leu Lys Ala Tyr Val Glu Lys Phe Ser Tyr
106                 405                 410                 415
108 Lys Ser Ile Thr Thr Asp Asp Trp Lys Asp Phe Leu Tyr Ser Tyr Phe
109             420                 425                 430
111 Lys Asp Lys Val Asp Val Leu Asn Gln Val Asp Trp Asn Ala Trp Leu
112         435                 440                 445
114 Tyr Ser Pro Gly Leu Pro Pro Ile Lys Pro Asn Tyr Asp Met Thr Leu
115     450                 455                 460
117 Thr Asn Ala Cys Ile Ala Leu Ser Gln Arg Trp Ile Thr Ala Lys Glu
118 465                 470                 475                 480
120 Asp Asp Leu Asn Ser Phe Asn Ala Thr Asp Leu Lys Asp Leu Ser Ser
121                 485                 490                 495
123 His Gln Leu Asn Glu Phe Leu Ala Gln Thr Leu Gln Arg Ala Pro Leu
124             500                 505                 510
126 Pro Leu Gly His Ile Lys Arg Met Gln Glu Val Tyr Asn Phe Asn Ala
127         515                 520                 525
129 Ile Asn Asn Ser Glu Ile Arg Phe Arg Trp Leu Arg Leu Cys Ile Gln
130     530                 535                 540
132 Ser Lys Trp Glu Asp Ala Ile Pro Leu Ala Leu Lys Met Ala Thr Glu
133 545                 550                 555                 560
135 Gln Gly Arg Met Lys Phe Thr Arg Pro Leu Phe Lys Asp Leu Ala Ala
136                 565                 570                 575
138 Phe Asp Lys Ser His Asp Gln Ala Val Arg Thr Tyr Gln Glu His Lys
139             580                 585                 590
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141 Ala Ser Met His Pro Val Thr Ala Met Leu Val Gly Lys Asp Leu Lys
142         595                 600                 605
144 Val Asp
145     610
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VERIFICATION SUMMARY DATE: 02/17/2002
PATENT APPLICATION: **US/09/914,451** TIME: 13:31:51

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